

CLAIMS

1. A beverage container comprises a hollow body member with opposed ends, a bottom member at one end and a cap member covering an opening at the opposite end thereof, the cap member being sealingly fixed to the body member at said opposite end and  
5 in a manner forming a rim at about the periphery of said opposite end, the cap member having a substantially ring-shaped countersink at a position adjacent to the rim and a filler material arranged in the countersink, and being configured so that an exterior surface thereof extending radially inwardly from a position adjacent to the countersink is substantially flat or continuous, or has a slight curvature.
- 10 2. A cap member for covering an open end of a beverage container having a hollow body member, the cap member is arranged with a rim forming portion at its periphery and a substantially ring-shaped countersink at a position adjacent to the rim forming position and a filler material arranged in the countersink, and is configured in a manner so that an exterior surface thereof extending radially inwardly from the countersink is substantially flat or  
15 continuous, or has a slight curvature.
3. The invention according to claim 2 wherein the cap member and the body member are arranged for removably fixing the cap member to the body member.
4. The invention according to claim 1 or 2 wherein the cap member is configured so that its mid-point is relatively higher than its portion adjacent to the rim or rim forming  
20 portion.
5. The invention according to claim 1 or 2 wherein the cap member having one or more ribs or ridges formed on its interior surface and/or exterior surface for improving its structural strength.
6. The invention according to claim 1 or 2 wherein the filler material extends to about  
25 the same level as a region of the cap member radially inward therefrom.

7. The invention according to claim 1 or 2 wherein the cap member has a scored region and means for assisting separation of the scored region from the rest of the cap member, when the scored region is separated the cap member presents a pouring aperture for dispensing beverage contained in the container.

5 8. The invention according to claim 7 wherein one or more parts of the cap member surrounding the pour aperture is shaped so that any spillage of beverage may flow automatically back into the container through the aperture.

9. The invention according to claim 1 or 2 wherein the filler material can be a natural or synthetic material or a material approved for use in or on a drink container.

10 10. The invention according to claim 1 or 2 wherein the filler material is an adhesive material provided in the countersink and set therein.

11. The invention according to claim 1 or 2 wherein the filler material is a ring of rubber or plastic insert element adapted for insertion in the countersink and fixed therein by fixing means.

15 12. The invention according to claim 11 wherein the fixing means including an adhesive and/or mechanical deformation of the cap at the countersink or of the filler material.

13. The invention according to claim 12 wherein the mechanical deformation comprises one or more wedge portions projecting into the filler material, the or each wedge portion is arranged to project into one side or opposite sides of the filler material.

20 14. The invention according to claim 13 wherein the wedge portion or portions extends laterally or longitudinally or at any angular direction, or in a combination of alternate lateral and/or longitudinal directions and/or angular directions.

15. The invention according to claim 12 wherein the mechanical deformation comprises one or more deformable portions on the filler material and the deformable portion(s) are arranged so that upon insertion of the filler material into the countersink the deformable portions flow or deform in a manner which in cooperation with the sides of the  
5 countersink fixes the filler material therein.

16. The invention according to claim 12 wherein the mechanical deformation comprises a suction portion formed on the filler material and the suction portion upon insertion in the countersink fixes to a surface of the countersink and thereby fixes the filler material in the countersink.